

浙大三色

Email:sensing@sensingm.com

Tel:+86 571 85021543 Fax:+86 571 87977635

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## ROLED

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灯具名称: 投光灯

灯具描述: F1022A-6-UN(20-OL-6WN-AJ, CT)

报告编号:

电压(V): 202.2000

测试编号: 20210223001

电流(A): 0.0730

光源规格型号: OL

功率(W): 7.3000

每个光源光通量(lm)

功率因数: 0.4930

光源数量: 6

镇流器型号:

发光面长度(mm): 88

发光面宽度(mm): 88

测试模式: C

发光面高度(mm): 0

## 光度结果

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灯具光通量(lm): 649.06

灯具效能(lm/w): 88.91

中心光强(cd): 2869.986

最大光强(cd): 2925.237

最大光强角度:  $C=120.0 \gamma=2.0$

半峰边角(50%Imax): [C0/180]Total=20.8

[C90/270]Total=21.3

光束扩散角(10%Imax): [C0/180]Total=42.9

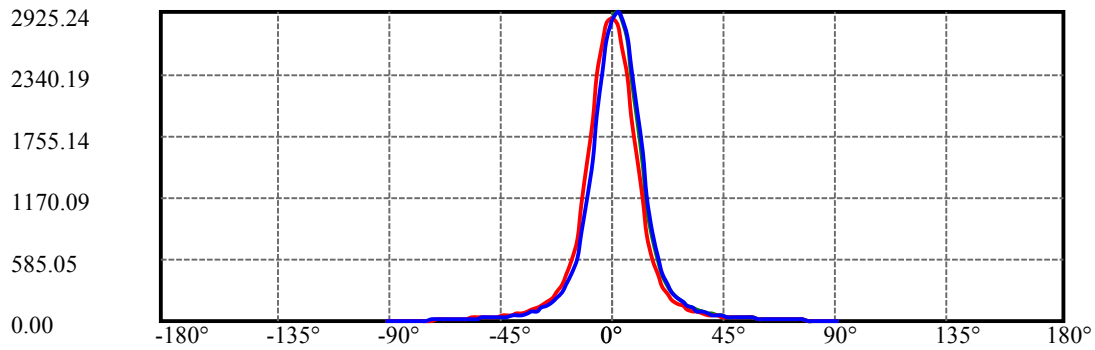
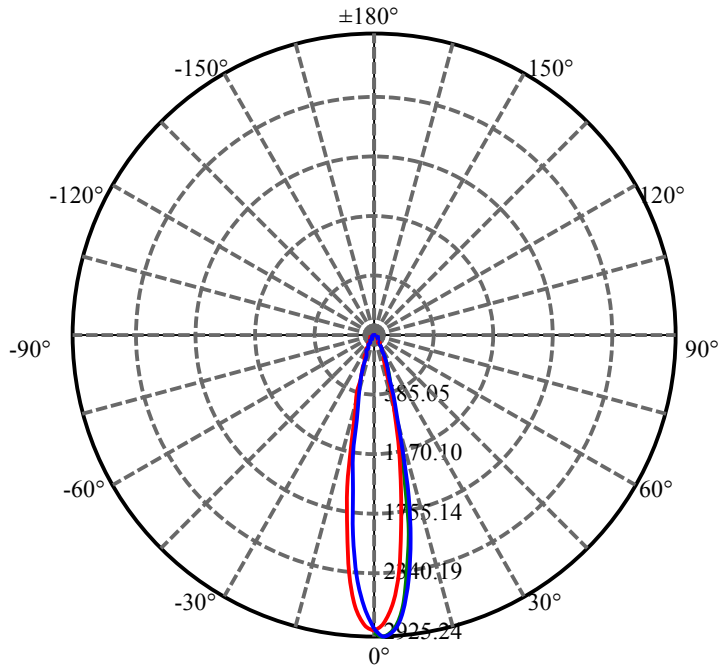
[C90/270]Total=43.1

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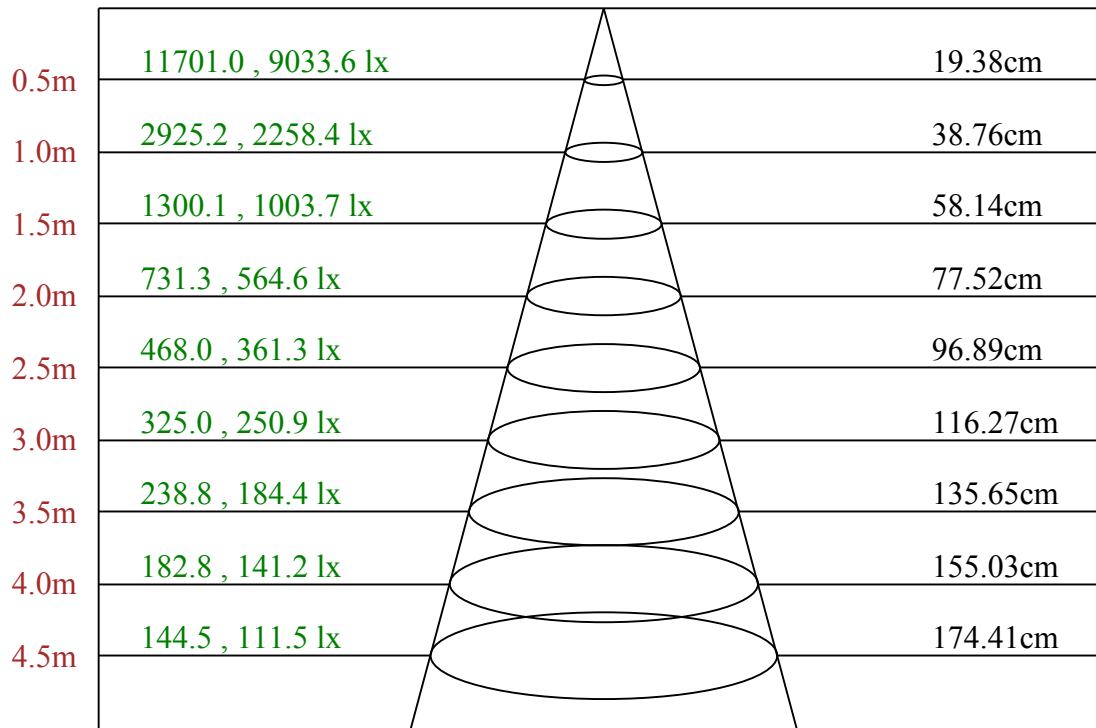
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/2/23  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

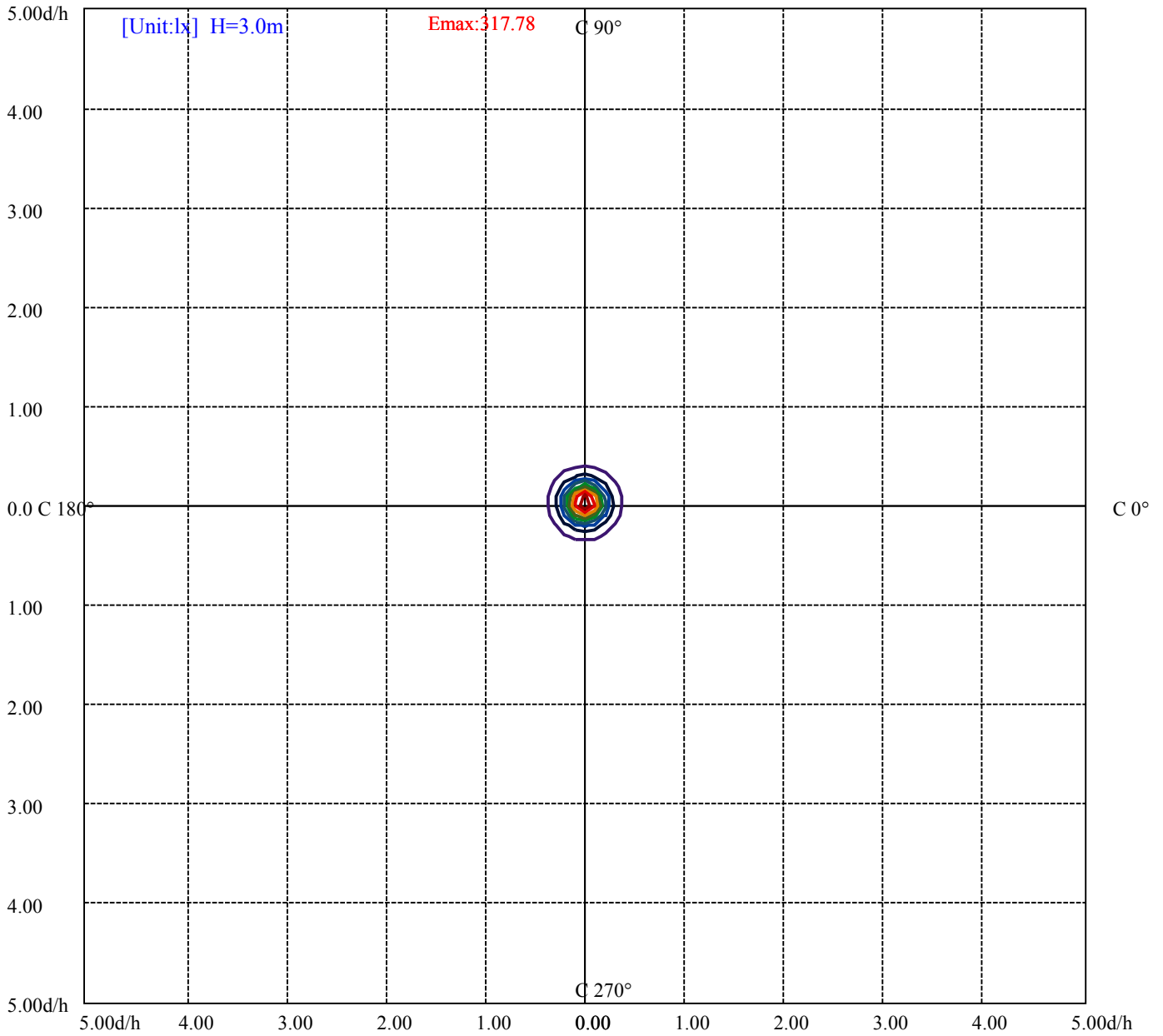


C120(Max): —  
C0/C180: —  
C90/C270: —



Max , Ave C120面光束角21.92

ROLED 投光灯  
平面等照度曲线



- (10%Emax) 31.77789
- (20%Emax) 63.55578
- (30%Emax) 95.33366
- (40%Emax) 127.1111
- (50%Emax) 158.89
- (60%Emax) 190.6678
- (70%Emax) 222.4456
- (80%Emax) 254.2233
- (90%Emax) 286.0011

测试设备: GMS1800  
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测试日期: 2021/2/23  
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测试人员: anpeilou  
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# ROLED 投光灯

## 灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

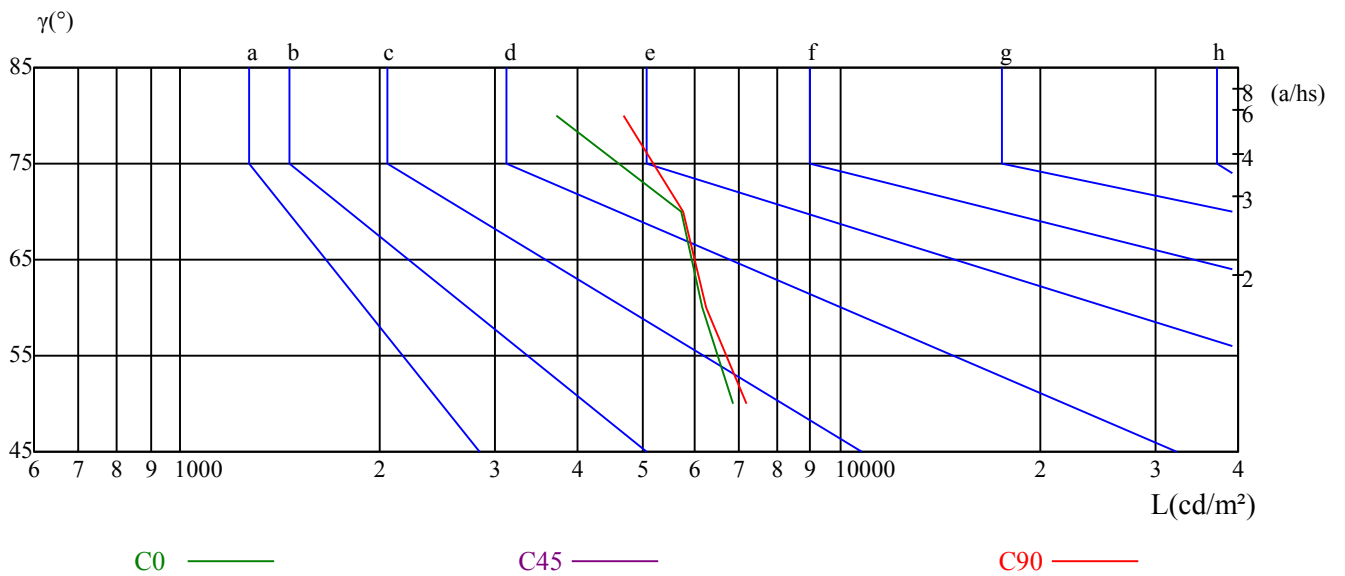
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	6860	0	6164	0	5737	0	3709	0
C45	0	0	0	0	0	0	0	0	0
C90	0	7184	0	6243	0	5766	0	4679	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
0	0	0	0	0	0	0	0	0

眩光等级表

眩光等级	质量等级	使用照度(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

亮度限制曲线



参照UGR的照射评估											
天花板反射率	70	70	50	50	30	70	70	50	50	30	
墙壁反射率	50	30	50	30	30	50	30	50	30	30	
地板反射率	20	20	20	20	20	20	20	20	20	20	
空间尺寸	Viewed crosswise					Viewed endwise					
X	Y										
2H	2H	15.64	16.71	16.00	17.03	17.34	15.81	16.88	16.17	17.19	17.51
	3H	17.30	18.26	17.68	18.59	18.96	17.32	18.27	17.70	18.60	18.97
	4H	17.86	18.75	18.27	19.10	19.49	17.82	18.70	18.23	19.06	19.44
	6H	18.17	18.98	18.58	19.35	19.75	18.09	18.90	18.51	19.28	19.67
	8H	18.22	18.98	18.65	19.38	19.78	18.13	18.90	18.57	19.29	19.70
	12H	18.26	18.99	18.69	19.37	19.80	18.15	18.88	18.59	19.27	19.70
4H	2H	16.16	17.05	16.57	17.40	17.79	16.30	17.18	16.70	17.54	17.92
	3H	18.05	18.78	18.47	19.18	19.59	18.00	18.72	18.41	19.13	19.54
	4H	18.72	19.37	19.16	19.79	20.24	18.60	19.24	19.03	19.67	20.11
	6H	19.04	19.60	19.51	20.05	20.52	18.90	19.45	19.36	19.90	20.37
	8H	19.12	19.63	19.59	20.08	20.56	18.96	19.47	19.43	19.92	20.40
	12H	19.15	19.60	19.64	20.09	20.57	18.98	19.43	19.47	19.92	20.39
8H	4H	18.89	19.41	19.37	19.86	20.33	18.79	19.30	19.26	19.75	20.23
	6H	19.31	19.72	19.82	20.22	20.71	19.18	19.59	19.69	20.09	20.58
	8H	19.43	19.79	19.96	20.31	20.81	19.28	19.65	19.81	20.17	20.67
	12H	20.04	20.36	20.56	20.85	21.43	19.88	20.20	20.40	20.69	21.27
12H	4H	18.87	19.32	19.36	19.81	20.29	18.77	19.22	19.26	19.71	20.18
	6H	19.66	19.68	19.84	20.15	20.69	19.53	19.55	19.72	20.02	20.57
	8H	19.46	19.77	19.98	20.27	20.85	19.32	19.63	19.84	20.13	20.71
对应照射距离，改变观察者位置S											
S = 1.0H	0.4/-0.6					0.3/-0.5					
S = 1.5H	0.9/-0.8					1.0/-0.8					
S = 2.0H	1.9/-0.9					1.6/-0.9					
标准表格	BK3					BK3					
更正系数	0.2					-0.1					

# ROLED 投光灯

## 光强数据表(cd)

附页 第7页 共8页

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	2869.99	2790.95	2592.20	2304.43	1927.65	1535.52	1137.25	817.26	586.28
30.0	2852.34	2824.71	2672.00	2414.16	2055.03	1664.44	1266.17	931.59	663.01
60.0	2867.68	2881.50	2767.93	2548.46	2211.58	1795.66	1389.56	1001.50	722.79
90.0	2855.41	2922.94	2863.08	2689.65	2391.91	1999.78	1592.31	1176.39	839.51
120.0	2879.96	2925.24	2843.90	2645.91	2311.34	1912.30	1472.13	1068.03	777.20
150.0	2863.85	2893.77	2796.32	2569.17	2236.90	1796.43	1398.16	1019.84	745.12
180.0	2869.99	2810.13	2629.80	2319.78	1910.00	1503.14	1102.64	788.94	576.61
210.0	2852.34	2751.04	2511.62	2177.81	1770.34	1358.87	991.91	731.23	533.71
240.0	2867.68	2720.35	2460.97	2078.05	1642.95	1226.27	895.53	647.67	481.14
270.0	2855.41	2655.89	2354.31	1950.67	1521.78	1166.56	839.36	608.07	453.98
300.0	2879.96	2702.70	2424.91	2032.78	1605.35	1220.13	877.88	634.62	469.63
330.0	2863.85	2705.77	2444.09	2077.29	1599.21	1279.60	948.63	687.72	507.77
360.0	2869.99	2790.95	2592.20	2304.43	1927.65	1535.52	1137.25	817.26	586.28
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	433.57	332.43	259.76	207.34	167.90	139.28	113.65	96.38	82.11
30.0	481.14	391.36	281.63	222.54	178.34	147.11	121.78	102.60	86.87
60.0	523.12	391.44	303.34	242.41	193.84	158.00	131.45	109.12	91.85
90.0	601.62	448.15	341.18	269.96	214.33	173.43	143.88	118.94	99.30
120.0	568.01	428.66	333.66	266.89	213.25	175.27	144.42	119.63	100.45
150.0	546.37	412.08	320.69	257.45	206.50	168.52	140.51	116.79	99.07
180.0	441.39	341.94	273.49	219.62	178.88	147.57	122.32	103.52	88.02
210.0	401.80	316.93	250.01	202.20	165.83	136.67	114.42	96.00	82.57
240.0	388.29	291.76	234.51	187.93	154.32	127.54	106.97	90.63	77.66
270.0	343.48	268.20	214.94	173.04	142.35	118.79	99.14	85.03	72.75
300.0	392.13	282.32	226.15	180.56	147.87	121.94	102.37	86.79	74.51
330.0	377.78	291.30	231.13	184.25	150.48	123.62	104.06	88.17	76.05
360.0	433.57	332.43	259.76	207.34	167.90	139.28	113.65	96.38	82.11
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	71.14	62.31	55.10	49.27	44.12	40.29	36.76	34.15	31.69
30.0	74.67	65.46	57.40	50.88	45.51	41.05	37.60	34.53	32.00
60.0	79.04	68.30	59.78	52.80	47.04	42.28	38.52	35.30	32.54
90.0	84.26	72.75	63.00	55.10	48.96	43.59	39.52	35.76	32.92
120.0	85.87	73.67	63.92	56.40	49.80	44.51	40.13	36.76	33.69
150.0	84.64	72.98	63.54	56.17	49.65	44.51	40.44	36.91	33.92
180.0	75.74	66.30	58.17	51.87	46.43	41.82	38.14	35.22	32.38
210.0	71.37	62.54	55.17	48.88	44.28	39.90	36.53	33.53	31.08
240.0	67.45	59.09	52.26	46.58	41.90	38.06	34.76	32.15	29.70
270.0	63.08	55.33	49.04	43.74	39.52	35.99	32.92	30.46	28.09
300.0	64.84	56.86	50.42	44.97	40.82	37.06	33.99	31.62	29.31
330.0	65.92	57.94	51.26	45.74	41.59	37.83	34.84	32.23	29.93
360.0	71.14	62.31	55.10	49.27	44.12	40.29	36.76	34.15	31.69
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	29.31	27.55	25.63	23.87	22.25	20.57	18.80	17.11	15.19
30.0	29.70	27.55	25.63	23.94	22.10	20.49	18.72	16.96	15.04
60.0	30.00	28.01	26.01	24.10	22.33	20.72	18.88	17.27	15.58
90.0	30.31	28.09	26.09	24.17	22.33	20.49	18.80	17.04	15.27
120.0	31.08	28.93	26.78	24.94	23.02	21.26	19.41	17.65	15.88
150.0	31.31	29.01	26.55	23.48	20.87	18.49	16.04	13.28	11.51
180.0	29.93	27.93	25.86	23.56	20.57	16.73	14.04	13.43	12.05
210.0	28.70	26.70	24.79	22.87	21.26	19.41	17.42	15.65	13.81
240.0	27.70	25.71	23.94	22.10	20.34	18.65	16.88	15.12	13.35
270.0	26.17	24.25	22.48	20.72	19.03	17.50	15.65	14.04	12.12
300.0	27.17	25.32	23.56	21.95	20.18	18.49	16.73	14.96	13.05
330.0	27.86	26.01	24.25	22.48	20.95	19.18	17.19	15.58	13.58
360.0	29.31	27.55	25.63	23.87	22.25	20.57	18.80	17.11	15.19

# ROLED 投光灯

## 光强数据表(cd)

附页 第 8页 共8页

C/ $\gamma$ (°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	13.20	11.28	9.13	6.91	4.99	3.53	2.07	0.46	0.15
30.0	13.20	11.20	9.29	7.60	5.83	3.68	2.15	0.77	0.08
60.0	13.74	11.97	10.05	7.90	5.83	4.14	2.76	1.15	0.15
90.0	13.43	11.66	9.75	7.90	6.29	4.53	2.76	1.46	0.15
120.0	13.97	12.05	10.13	7.90	5.83	4.30	2.99	1.00	0.08
150.0	10.67	8.52	6.98	6.37	4.60	2.61	1.61	0.77	0.15
180.0	9.06	7.37	6.98	5.06	3.68	2.76	1.07	0.31	0.08
210.0	11.66	9.75	7.90	6.06	4.07	2.23	1.07	0.15	0.08
240.0	11.43	9.52	7.14	5.29	3.53	2.38	0.46	0.23	0.00
270.0	10.13	8.36	6.52	4.76	2.92	1.46	0.31	0.15	0.00
300.0	11.20	9.21	7.14	5.14	3.45	2.30	0.61	0.08	0.00
330.0	11.51	9.36	7.60	5.76	4.07	2.30	1.23	0.23	0.08
360.0	13.20	11.28	9.13	6.91	4.99	3.53	2.07	0.46	0.15

C/ $\gamma$ (°)	90.0
0.0	0.08
30.0	0.08
60.0	0.08
90.0	0.08
120.0	0.08
150.0	0.08
180.0	0.08
210.0	0.00
240.0	0.00
270.0	0.08
300.0	0.00
330.0	0.00
360.0	0.08